

Alterations in the Behaviour of Textile Fibres
to Dyes, by E. Frieser.

GERMAN, per, Spinner und Weber, Vol LXXIX,
No 1, 1961, pp 14-17, 20-23.

CSIRO 5574

Sci
Dec 62

Tramnitz, Hans.
SUNLIGHT DETERIORATION OF MATERIALS
USED IN CAMPING EQUIPMENT (Lichtschäden an
Campingstoffen) tr. by D. A. Sinclair. 1971, 20p.
48 refs. NRCC Technical trans. 974.
Order from NRCC \$1.00 NRCC C-3739

Trans. of der Spinner und Weber Textilveredlung
(West Germany) 1970, v. 78, p. 398-403.

DESCRIPTORS: Germany, Deterioration, Materials,
Light, *Textiles, Fibers, *Cellulose chemistry,
Dyes, Bleaching agents, *Sun, Radiation effects,
*Tents

(Materials--Textiles, TT, v. 6, no. 12)

61-25576

- I. Title: Camping equipment
- I. Tramnitz, H.
- II. NRCC TT-974
- III. NRCC C-3739
- IV. National Research Council
of Canada

Office of Technical Services

Spherical Looking Gears (Summarised Version
Only), by W. Rath.

GERMAN, per, Spinner und Weber, Vol LXXVIII,
1961, pp 435-442.

GB/112/TR/332

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Gasser, A.
SIZING MACHINES TO MEASURE. [1961] 9p. (10 figs.
omitted).
Order from SLA \$1.10

61-14534

Trans. of Spinner und Weber Textilveredlung (West
Germany) 1956, v. 74, no. 10/11, p. 433-438.

DESCRIPTORS: Sizing, *Fibers, Textile industry,
Measurement, Industrial equipment, Processing.

(Materials--Textiles, TT, v. 10, no. 5)

61-14534

1. Title: Sizing machines
1. Gasser, A.

Office of Technical Services

Selection of Personnel for the Performance
of Wear Tests, by J. Wiesdorfer.
EUROPEAN, per, Spinner, Weber, Textilveredlung,
Vol 80, No 6, 1962, pp 514-515.
NTC-71-11657-11E
CSIRO no 6500

Feb 72

Scharroba, W.
SEPARATE DELUSTERING OF TEXTILES, ESPE-
CIALLY THOSE MADE FROM COMPLETELY SYN-
THETIC FIBERS. [1962] 8p.
Order from ATS \$11.25 ATS-31P63G

Trans. of Spinner [und] Weber Textilveredlung (West
Germany) 1961, v. 79, no. 10, p. 944-948.

DESCRIPTORS: Textiles, *Synthetic fibers,
Manufacturing methods

ATS-736-GT

(Materials, Textiles, TT, v. 9, no. 7)

63-12311

- I. Scharroba, W.
- II. ATS-31P63G
- III. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Setting Methods in the Wool Industry, by G. Elven, L. Oндarza.
GERMAN, per, Spinner, Weber, Textilveredlung, Vol LXXX,
No 10, 1962, pp 967-969.

CSIRO/No 6346

Sci -Misc- *ny m*

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Chemical and Technological Methods for
Detecting Faults, by L. Hoffmann.
GERMAN, per, Spinner-Weber-Textilveredlung,
Vol 80, No 6, 1962, pp 520-524.
NTC-71-12637-11E

5/13/71

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(TDD 20358)

Espionage and Sabotage in Sweden, by Per Neurling,
455 pp.

SWEDISH, bk, Spionage och Sabotage i Sverige, Stockholm,
1952, pp 1-24, 57-73, 83-106, 125-164, 183-443.

CIA/TDD/U-5775

No Eur - Sweden
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16,178

(FDD 23305)

Information on Bulgarian Academy of Sciences,
by As. Khadzhiolov, 51 pp.

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Akademiya na Naukite, Vol I, No 1/2, Sofia, 1953,
pp 45-85, 108-113.

CIA/FDD Tr 409

EEur - Bulgaria
Sci - Miscellaneous

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(2378- D)

The Budget for 1958 and the Development of Science,
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BULGARIAN, per, Spisaniye na Bulgarskata
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JPRS 571-D

Eur - Bulgaria
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82,323

(2384-B)

Some Problems in Housing Construction in ~~the~~
Sofia, by Pantelay Grahov, 9 pp.

BULGARIAN, per, Spisaniie na Bulgaraka Akademiya
na Naukite, No 3, Sofia, 1958, pp 101-107.

JPRS 14248-N

EUR - Bulgaria
ECON - Construction - Housing
Apr 59

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(DC-5744)

The Status and Needs in Mathematical Science
in Bulgaria, by Lyubomir Iliev, 22 pp.

~~BULGARIAN, per, Spisanie na Bulgarskata~~
~~akademiya na naukite~~, Vol V, No 3, 1960,
pp 3-23.

JPRS 8404

Sci - Math
Jun 61

158,664

(NY-10)

The 25th Anniversary of the Central Scientific
Research Institute for Plant Protection in
Bulgaria, by **XX** Iv. Kovachevski, 5 pp.

BULGARIAN, per, Spisanie na Bulgarskata
Akademiya na Naukite, Vol VI, No 1,
1961, pp 95-98.

JPRS 11586

Sci - Misc

Jan 62

178, 268

(NY-10)

Fulfillment of the 1960 Bulgarian
Plans for Cooperation With Foreign
Academies of Sciences, 9 pp.

BULGARIAN, per, Spisanie na
Bulgarskata Akademiya na Naukite,
Vol VI, No 1, 1961, pp 108-114.

JPRS 11758

ZEur - Bulgaria
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Jan 62

178, 179

117-107
New Members of the Bulgarian Academy of
Sciences, 13 pp.

BULGARIAN, per, Spisanie na Bulgarskata
Academiya na Naukite, Vol VI, No 1,
1961, pp 115-122.

JPRS 10861

Sci - Misc
Nov 61

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(NY-10)

Scientific Activities of the Bulgarian
Academy of Sciences in 1960, by
Titko Chernokolev, 86 pp.

BULGARIAN, per, Spisanie na Bulgarskata
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pp 12-50.

JPRS 13306

190,169

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Sci - Misc

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JPRS 27648

Sci-Misc

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R-121/63

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Conferences and Review of Activities of the
Bulgarian Geological Society in 1960, by
Sundry, *B. W.*

BULGARIAN, per, Spisanie na Bulgarskoto Geologichsko
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*JPRS/SF-2587

Sci - Misc
Mar 63

BIOGRAPHIC DATA ON ACADEMICIAN LYUBOMIR CHAKALOV,
BY LYUBOMIR ILIEV, 8 PP.

BULGARIAN, PER, SPISANIE NA BULGARSKATA AKADEMIYA
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JPRS 19315

EEUR - BULGARIA
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Vol VIII, No 1, 1963, pp 104-108.

JPRS 22566

EE-Bulgaria
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Brief Description of the National Atlas of
Bulgaria, by Anastas Beshkov, 6 pp.
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pp 30-34.
JPRS 25694

Sci - ES & Astron
Aug 64

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On the Subject of Composition of the Hypodermis
of Periplaneta Orientalis, by B. Stanislavskiy,
15 pp.

CZECH, Spisy Vydavane Prirodovedeckou Fakultou
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Jul 58

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Waterways of Czechoslovakia, Waterways of Soviet Union,
by Frantisek Jermar, 171 pp, UNCL.

CZECH, bk, Splavni Toka Pruplavy, Prague, 1954.

ACSI H-6840

ID 2147193

EEur - Czechoslovakia

Econ

Aug 60

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Modern AA Automatic Guns, 14 pp.
GERMAN, ^{per} ~~see~~ Soldat und Technik, 1/1961.

ACBI H-8939
ID 2164471

EEur-Germany

Nil

Jun 61

154,702

INVESTMENT CONSTRUCTION IN COMMUNICATIONS, BY
FRANTISEK HURTA, 9 PP.

CZECH, PER, SPOJE, VOL VII, NO 10,
OCT 1962, PP 4-6.

JPRS 17093

EEUR - CZECH
ECON
JAN 63

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Agreement on Multilateral Accounts in Transferrable
Rubles and on the Organization of the International
Bank for Economic Cooperation, 8 pp.
SERBOCROATIAN, per, Spoljnotićka Dokumentacija,
No 6, 1963, pp 19-23.
JPRS 24715

EEur - Sov Bloc
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On the Determination of Water in Creosote Oil, by
H. B. Groenou, 8 pp.

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Sep 1951, pp 295, 296.

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Sci - Chemistry, fuels
Oct 57

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Once More: the Jointless Rail, by A.
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XXVIII, 1955, pp 193-195.

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Conveyances of Commodities in Bulk: New
Possibilities, by H. F. Enter.

GERMAN, per, Spoon-en Tramwegen, No 25, Dec 1958,

BTC

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Enter.

SWEDISH, per, Spoor-en-Tramwegen, 1958.

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Railroads of China in the Past and Today,
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DUTCH, per, Spoor en Tramwegen, No 26,
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ID 2191535

ASIA - China
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5 Apr 62

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IFA H 34 Considered From a Technical Standpoint, 4 pp
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GERMANY, per, Sport und Technik, Sep 1953, pp 16-17

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Mar 54 CTS

A. For the Practical Work of the Officials of the Basic Units and Kreis (District Management), by Keutzer, Kubach; B. Appeal to the Members of the Association for Sports and Technology, 30 pp, (ID 975271). UNCLASSIFIED

GERMAN, per, Sport und Technik, No 5, Mar 1954.

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G-3186

EEur - Germany
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Nov 54 CTS

Ground Troops Airborne, by Jan Salmunger, 4 pp.

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KEur - Germany

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Modern Parachute Technique Used by Airborne Troops -
Tanks Drop From the Sky, by U. Berger, 3 pp.

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No 11, 1957, p 8.

AR 1184910

EBur - Czech
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Nov 58

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Combating Fatigue in Aircraft Structures, by
Prof. V. Bolotin /H.

RUMANIAN, per, Sport Si Tehnica, No 4, 1962, p 1.

*FTD-TT-62-1912

Sci - Aero
Dec 62

Jet Helicopters, by Gh. Rado, 2 pp.

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pp 14, 15.

ACSI I-4895
ID 2204022164

Sci - Aero
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WOMEN AND COMPETITIVE SPORT. 9p. EMF-VD
942.

Order from OIS or ETO \$1.10 TT-63-26249

Trans. of Sportärztliche Praxis (Austria) 1960, v. 3,
p. 12-19.

DESCRIPTORS: *Women. *Recreation. Physiology.
Psychology. Nervous system. Reproduction system.

(Social Sciences, TT, v. 12, no. 5)

TT-63-26249

- I. Rausenwein I.
- II. VD 942
- III. Excerpta Medica
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European Translations Centre

The Eating and Drinking Habits of Athletes,
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6, 1958, pp 5-34.

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Sci-B&M
Apr 69

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Sputnik Into Space, by M. Vassilyev, V. V. Dobronravov,
147 pp.

RUSSIAN, bk, Puteshestviya v Kosmos, 1958
FRENCH, Le Spoutnik Ouvre la Voie du Ciel
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Apr 58

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Sci - Engr
Sep 59

98,436

Technical Languages and Technical Words as a
Problem in Documentation and Translation, by
R. W. Juppelt.

GERMAN, per, Sprachforum, Vol III, No 1, 1958,
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Sci - Misc

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Effects of Contact Detonation on Granite, by K. D.
Broberg.

GERMAN, bk, Sprangames Verkan via Kontaktdetonation
not Granitplattor, No 102, 1960, p 15.

*JPRS for AEC

Sci
Dec 61

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SWEDISH, bk, Sprang-och Tandmedel, 1961,
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ACSI I-8138
ID 2216557

Sci - Electron
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The Organization and Tasks of the Local Trade
Union Councils, 25 pp.
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JPR 8919

EEur - Bulgaria
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(FDD 26825)

Problem Area Plan for Scientific Research in
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Vol III, No 3, Warsaw, 1955, pp 104-158.

CIA/FDD U-8124

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ESur - Poland

Sci -

Report on the Activity of the Institute for
Forest Protection and Entomology at
Skierniewice 1922-1923, by Zygmunt
Mokrzecki, 27 pp.

POLISH, rpt, Sprawozdanie z Dzialalnosci
Zakladow Ochrony Lasu i Entomologii w
Skierniewicach 1922-1923. 9097189

OTS 60-21488
FL-480

Sci - Biol
Apr 62

189, 356

Mokrzecki, Zygmunt.

THE ACTIVITY OF THE INSTITUTE FOR FOREST
PROTECTION AND ENTOMOLOGY AT SKIER

NIEWICE 1922-23, tr. by E. Kolaczowska. [Nov 61]
[27]p. PL-480 Agr.

Order from OTS \$0.50

60-21488

Trans. of Polish mono. Sprawozdanie z Dzialalnosci
Zakladow Ochrony Lasu i Entomologii w Skierniewicach
1922-23, n. p. [1923, 32p.].

DESCRIPTORS: *Forestry, *Trees, *Insects, Poland
Scientific organizations, Research program
administration

(Agriculture--Plant Cultivation, TT, v. 7, no. 5)

60-21488

I. Mokrzecki, Z.

II. PL-480 Agr (60-21488)

III. National Science
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D. C.

Office of Technical Services

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POLISH, per, Sprawy Międzynarodowe (International
Affairs), No 2, 1956, AFOIN-1A1, pp 53-56.

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USHR; United States
Military
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Encl IR-1862-57)
44,338

(SF-1856/6)

Development of the International Division of Labor
Among the Socialist Countries, by Leslaw Skibinski,
22 pp.

POLISH, per, Sprawy Miedzynarodowe, Vol XIV, No 4 (10),
1961, pp 18-40.

JPRS 4947

Etar - Poland

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MAIN PROBLEMS OF ECONOMIC COOPERATION AMONG
SOCIALIST STATES, BY LUCJAN CIAMAGA, 21 PPL

POLISH, PER, SPRAWY MIEDZYNARODOWE, NO 7, 1962,
PP 38-59.

JPRS 15533

~~FEUR - POLAND~~

~~ECON~~

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(Dilatometrische Messungen über den Glasigen Zustand)
[1962] [11]p. (foreign text included) 11 refs.
Order from SLA \$1.60

62-18120

Trans. of Sprechsaal (Germany) 1932, v. 65, no. 52,
p. 925-926.

DESCRIPTORS: *Glass, Dilatometers, Measurement,
Heat treatment.

(Materials--Ceramics, TT, v. 9, no. 2)

62-18120

I. Koerner, O.
II. Salmang, H.
III. Lerch, W.

Office of Technical Services

Stuckert, Ludwig.
ON THE ATTACK OF ALKALI CHLORIDE VAPORS
ON FIREPROOF BRICKS. [1963] [20]p. (figs. omitted)
7 refs.
Order from SLA \$1.60

63-14352

Trans. of Sprechsaal (Germany) 1933, v. 66,
p. 573-574, 591-594.

DESCRIPTORS: *Refractory materials, *Brick, *Chlo-
rides, Salts, *Vapors, Tests.

A test arrangement is described for testing fireproof
bricks as to their resistance to dry and wet alkali chlo-
ride vapors and the results found in these tests with
various sorts of bricks are given. The behavior of the
various sorts of bricks is evaluated on the basis of
microscopic tests as to appearance, vitrification,
changes in volume as well as of microscopic compari-
sons of the original samples with the samples changed
(Materials--Refractories, TT, v. 10, no. 3) (over)

63-14352

1. Stuckert, L.

Office of Technical Services

Why is Neodymium a Better Physical Decolorizing
Agent than Nickel, Cobalt, Manganese or
Selenium? by Johannes Loeffler

GERMAN, per, Sprechsaal, Vol LXVI, pp 629-630,
1933,

C.B.I.R.O.

Sci - Chem

May 60

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Metal Cleaning Agents, by Adolf Voigt, 3 p.

GERMAN, per, Sprechsaal, 1937, Vol LXX, pp 29-30.

SLA 60-10264

Sci
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Vol III, No 2

113,606

Accident Prevention in Using Hydrofluoric Acid,
by Theo. Ziener, 7 p.

GERMAN, per, Sprechsaal, 1938, Vol LXII,
pp 185-187.

SLA 60-10265

Sci
Apr 60
Vol III, No 2

111,699

Porosity of Commercial Enamels, by Ludwig
Stuckert, 4 5 pp.

GERMAN, per, Sprechsaal, Vol LXXII, No 35,
1939, pp 453-454.

SLA 60-18600

Sci

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Vol 4, No 12

Hoffmann, Josef.

DETECTION AND QUANTITATIVE DETERMINATION
OF SMALL QUANTITIES OF URANIUM IN SILICATE
FORMS, INCLUDING GLASS. [1963] 25p. 15 refs.
Order from SLA \$2.60

63-18129

Trans. of Sprechsaal (Germany) 1940, v. 73, 2 May,
p. 153-157.

DESCRIPTORS: *Glass, *Silicates, *Uranium, Detec-
tion, Quantitative analysis, Fluorescence, Intensity

A report is given on the detection of small quantities of
uranium. The method used enables the estimation of
uranium quantities up to 10^{-11} and the determination of
quantities from 10^{-6} to 10^{-9} directly from the fluores-
cence intensity. By means of dilutions that may be em-
ployed, the method also enables uranium quantities to
be determined up to and beyond the limit of the usual
gravimetric determination. The Hernegger-Karik
(Chemistry--Analytical, TT, v. 10, no. 11) (over)

63-18129

I. Hoffmann, J.

Office of Technical Services

Springer, L.
CONCERNING GLASS MELTS CONTAINING
SULPHATE. [1963] 9p 1ref
Order from SLA \$1.10

TT-64-10403

Trans. of Sprechsaal (Germany) 1941, v. 74, no. 25,
p. 246-248.

DESCRIPTORS: *Glass, *Sulfates, Sodium compounds,
Carbonates, Melting, Corrosion, Toughness.

(Materials--Ceramics, TT, v. 11, no. 9)

TT-64-10403

I. Springer, L.

Office of Technical Services

Dietzel, A.
PRACTICAL IMPORTANCE AND CALCULATION OF
THE SURFACE TENSION OF GLASSES, GLAZES,
AND ENAMELS. [1963] 18p. 19 refs.
Order from SLA \$1.60

63-18427

Trans. of Sprechaal (Germany) 1942 [v. 75]
no. 9/10, p. 82-85.

DESCRIPTORS: *Surface tension, *Glass, *Ceramic
coatings,

(Materials--Ceramics, TT, v. 10, no. 8)

63-18427

1. Dietzel, A.

Office of Technical Services

Springer, L.
CONCERNING GLASS MELTS CONTAINING SUL-
PHATE [CONTINUATION]. [1963] 8p
Order from SLA \$1.10

TT-64-10402

Trans. of Sprechsaal (Germany) 1941, v. 74, no. 26,
p. 255-256.

DESCRIPTORS: *Glass, Melting, Sulfates, Chemical
analysis,

(Materials--Ceramics, TT, v. 11, no. 9)

TT-64-10402

1. Springer, L.

Office of Technical Services

Gas Separation in Bubble Form of Sulphate-
Bearing Glass Melts, by H. Jebsen-Marwedel,

21 ~~4~~ pp.

GERMAN, per, Sprechsaal, Vol LXXV, No 13/14,
1942, pp 120-125ff.

SIA 60-18769
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Udarglaze Colors, by F. Viehweger.

GERMAN, per, Sprechsaal, Vol LXXIII, 1950, p 366.

ASLIB-08390

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Springer, L.
NEW EXPERIMENTS ON THE INFLUENCE OF THE
GLASS COMPOSITION UPON YELLOW AND RED
LUSTERS (Neue Versuche über den Einfluss der
Glascusammensetzung auf die Gelb- und Rottöne).
[1962] 17p. (foreign text included).
Order from SLA \$1.10

62-14885

Trans. of Sprechsaal (West Germany) 1950, v. 83,
no. 7, p. 121-122.

DESCRIPTORS: *Glass, Chemical analysis, *Ceramic
coatings, *Colors, Heat, Temperature, *Heat re-
sistant glass.

(Materials--Ceramics, TT, v. 8, no. 3)

62-14885

L. Springer, L.

Office of Technical Services

Colored Glassy Glazes for Cones 4a-6a and 8-9, by
F. Viehweger.

GERMAN, per, Sprachsaal, Vol LXXXIV, ^{No 29.} 1951, 2

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Electron Microscopic Examinations of Ruby³-
Glasses, by K. Beyersdorfer.

GERMAN, per, Sprechsal, Vol LXXXIV, 1951,
pp 186-189. .

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Sci - Phys
Jul 62

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A Contribution to Plasticity Measurement, by M
Linseis.

GERMAN, per, Sprechsaal, Vol LXXXIV, 1951, p 259.

ASLIB-GB8

Sci

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Kalsing, Harry.
FUSIBLE GLASS. 4. FUSIBLE GLASS FOR COPPER
CASING WIRE (CONCLUSION). [1961] 12p. 28 refs.
Order from SLA \$1.60 62-10555

I. Kalsing, H.
II. Title: Fusible...

Trans. of Sprechsaal (West Germany) 1953, v. 86,
no. 16, p. 389-392.

DESCRIPTORS: *Glass, *Fused materials, *Copper
wire, Production.

(Materials--Ceramics, TT, v. 7, no. 9)

Office of Technical Services

28th Meeting of the German Technical Glass
Society.

GERMAN, per, Sprechsaal, Vol LXXXVII,
No 16, 1954, pp 397-400.

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Sai - Flays
June 2

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The Problem of Gripping Cylindrical Tensile Specimens
With Glass-Smooth Surfaces, by H. Jekou, 10 pp.

REF ID:

GERMAN, per, Sprechsal, Vol XXXVII, No 9, 1954,
pp 479-491.

S.L.A. Tr 882/1956

Sci - Engineering

39,037

Kalpers, H.
VITREOUS ENAMELING OF ALUMINUM. [1961] 4p.
Order from SLA \$1.10 62-10557

Trans. of Sprechsaal (West Germany) 1955, v. 88,
no. 4, p. 72.

DESCRIPTORS: *Aluminum, *Enamel coatings,
Physical properties, Coatings.

Vitreous enameling of small working pieces of light
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